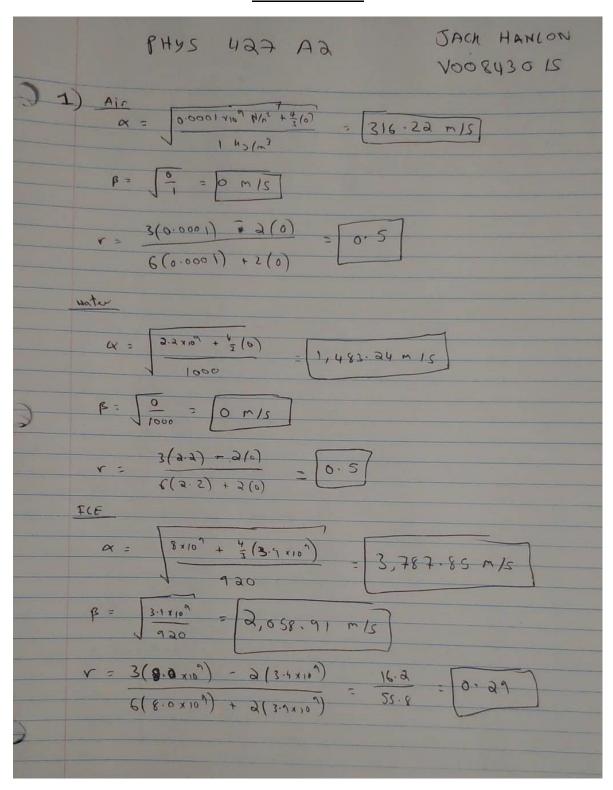
PHYS 427 A2



SAMPSTONE

$$\alpha = \begin{bmatrix} 34x n^3 + \frac{4}{3}(14x n^3) \\ 3500 \end{bmatrix} = \begin{bmatrix} 4,320.50 \text{ m/s} \end{bmatrix}$$
 $\beta = \begin{bmatrix} 12x n^3 \\ 3500 \end{bmatrix} = \begin{bmatrix} 3,667.68 m/s \end{bmatrix}$
 $\gamma = \begin{bmatrix} 36x n^3 + \frac{4}{3}(32x n^3) \end{bmatrix} = \begin{bmatrix} 38 \\ 12x n^3 \end{bmatrix} = \begin{bmatrix} 0.21 \end{bmatrix}$

Limestone

 $\alpha = \begin{bmatrix} 38x n^3 + \frac{4}{3}(32x n^3) \end{bmatrix} = \begin{bmatrix} 4,773.82 \text{ m/s} \end{bmatrix}$
 $\beta = \begin{bmatrix} 32x n^3 \\ 3700 \end{bmatrix} = \begin{bmatrix} 3,854.50 \text{ m/s} \end{bmatrix}$
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 $\beta = \begin{bmatrix} 32x n^3 \\ 3600 \end{bmatrix} = \begin{bmatrix} 3,25x n^3 \\ 3600 \end{bmatrix} = \begin{bmatrix} 6,717.75 \text{ m/s} \end{bmatrix}$
 $\alpha = \begin{bmatrix} 32x n^3 \\ 3600 \end{bmatrix} = \begin{bmatrix} 3,108.87 \text{ m/s} \end{bmatrix}$
 $\gamma = \begin{bmatrix} 32x n^3 \\ 3600 \end{bmatrix} = \begin{bmatrix} 3,108.87 \text{ m/s} \end{bmatrix}$
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PERTODITIE 146 ×109 + 4 (58 × 109) 8, 115. 33 m/s 3300 58 x 109 3 (140 1109) - 2 (S8 110°) 956 (109 N/m2) (109 N/N2) (Us/m3) MATERIAL mIS m 15 0.5 AIR 6.00010 0 316.22 1. 0 0 0.5 1483-24 WATER 2.2 0 1000 0 ICE 8.0 3782-85 0.29 3-9 920 2058.91 17 4320.50 6.21 SANDSTONE 24 2607-68 2500 2854.5 2700 LIMESTONE 38 72 4993.82 6.26 BRANTTE 88 22 2600 6712.75 2901.87 0.38 0.35 \$115.33 4192-34 PERSOOTITE 58' 3300 140

$$\frac{1-5(4)}{34-64} = \frac{1}{34-64}$$

$$\frac{1-3(4)}{34-64} = \frac{1-3(6)}{34-64}$$

$$\frac{1-3(6)}{34-64} = \frac{3}{34-64}$$

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$$\frac{1-3(7)}{34-64} = \frac{3}{34-64}$$

$$\frac{1-3(7)}{$$

when P- wine doesn't exist.

$$= \int_{\mathcal{B}_{2}}^{2} |h_{s_{2}}|^{2} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$

$$= \int_{\mathcal{B}_{2}}^{2} |h_{s_{2}}|^{2} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$

$$= \int_{\mathcal{B}_{3}}^{2} |h_{s_{2}}|^{2} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$

$$= \int_{\mathcal{B}_{3}}^{2} |h_{s_{3}}|^{2} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$

$$= \int_{\mathcal{B}_{3}}^{2} |h_{s_{3}}|^{2} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$

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$$= \int_{\mathcal{B}_{3}}^{2} |h_{s_{3}}|^{2} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$

$$= \int_{\mathcal{B}_{3}}^{2} |h_{s_{3}}|^{2} - B_{s_{1}} h_{s_{2}} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)} e^{i(\hat{k}_{s} \cdot \hat{r} - ut)}$$